

## SEQUENCE LISTING

Sequence ID No: 1	MTEYKLVVVGAGGVGKSALTIQLIQNHFVDEYDPTIEDSYR KQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVF AINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGKNCDLAAR TVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLVREIRQ HKLRKLNPPDESGPGCMSCKCVLS
Sequence ID No: 2	MTEYKLVVVGAGGVGKSAATIQLIQNHFVDEYDPTIEDSYR KQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVF AINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGKNCDLAAR TVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLVREIRQ HKLRKLNPPDESGPGCMSCKCVLS
Sequence ID No: 3	MTEYKLVVVGAGGVGKSAGTIQLIQNHFVDEYDPTIEDSYR KQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVF AINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGKNCDLAAR TVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLVREIRQ HKLRKLNPPDESGPGCMSCKCVLS
Sequence ID No: 4	MTEYKLVVVGAGGVGKSALTIQLIQNHA VDEYDPTIEDSYR KQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVF AINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGKNCDLAAR TVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLVREIRQ HKLRKLNPPDESGPGCMSCKCVLS
Sequence ID No: 5	MTEYKLVVVGAGGVGKSALTIQLIQNHGVDEYDPTIEDSYR KQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVF AINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGKNCDLAAR TVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLVREIRQ HKLRKLNPPDESGPGCMSCKCVLS
Sequence ID No: 6	MTEYKLVVVGAGGVGKSALTIQLIQNHFVDEYDPTIEDSYR KQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVF AINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGAKCDLAAR TVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLVREIRQ HKLRKLNPPDESGPGCMSCKCVLS
Sequence ID No: 7	MTEYKLVVVGAGGVGKSALTIQLIQNHFVDEYDPTIEDSYR KQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVF AINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGGKCDLAAR TVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLVREIRQ HKLRKLNPPDESGPGCMSCKCVLS
Sequence ID No: 8	MTEYKLVVVGAGGVGKSALTIQLIQNHFVDEYDPTIEDSYR KQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVF AINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGNACDLAAR TVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLVREIRQ HKLRKLNPPDESGPGCMSCKCVLS
Sequence ID No: 9	MTEYKLVVVGAGGVGKSALTIQLIQNHFVDEYDPTIEDSYR KQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVF AINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGNGCDLAAR TVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLVREIRQ HKLRKLNPPDESGPGCMSCKCVLS

Sequence ID No: 10	MTEYKLVVVGAGGVGKSAAITQLIQNHFVDEYDPTIEDSYR KQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVF AINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGAKCDLAAR TVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLVREIRQ HKLRKLNPPDESGPGCMSCKCVLS
Sequence ID No: 11	MTEYKLVVVGAGGVGKSAAITQLIQNHFVDEYDPTIEDSYR KQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVF AINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGGKCDLAAR TVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLVREIRQ HKLRKLNPPDESGPGCMSCKCVLS
Sequence ID No: 12	MTEYKLVVVGAGGVGKSAGTIQLIQNHFVDEYDPTIEDSYR KQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVF AINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGAKCDLAAR TVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLVREIRQ HKLRKLNPPDESGPGCMSCKCVLS
Sequence ID No: 13	MTEYKLVVVGAGGVGKSAGTIQLIQNHFVDEYDPTIEDSYR KQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVF AINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGGKCDLAAR TVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLVREIRQ HKLRKLNPPDESGPGCMSCKCVLS
Sequence ID No: 14	MTEYKLVVVGAGGVGKSACTIQLIQNHFVDEYDPTIEDSYR KQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVF AINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGAKCDLAAR TVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLVREIRQ HKLRKLNPPDESGPGCMSCKCVLS
Sequence ID No: 15	MTEYKLVVVGAGGVGKSACTIQLIQNHFVDEYDPTIEDSYR KQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVF AINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGGKCDLAAR TVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLVREIRQ HKLRKLNPPDESGPGCMSCKCVLS
Sequence ID No: 16	MTEYKLVVVGAGGVGKSALTIQLIQNHFVDEYDPTIEDSYR KQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVF AINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGCKCDLAAR TVESRQAQDLARSYGIPYIETSAKTRQGVEDAFYTLVREIRQ HKLRKLNPPDESGPGCMSCKCVLS
Sequence ID No: 17	MTEYKLVVVGAGGVGKSALTIQLIQNHFVDEYDPTIEDSYR KQVVIDGETCLLDILDITAGQEEYSAMRDQYMRTGEGFLCVF AINNTKSFEDIHQYREQIKRVKDSDDVPMVLVGGKCDLAAR TVESRQAQDLARSYGIPYIECSAKTRQGVEDAFYTLVREIRQ HKLRKLNPPDESGPGCMSCKCVLS
Sequence ID No: 18	ATG ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC GGC GGT GTG GGC AAG AGT GCG CTG ACC ATC CAG CTG ATC CAG AAC CAT TTT GTG GAC GAA TAC GAC CCC ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT ACC GCC GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG TGT GTG TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC

	CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG GAC TCG GAT GAC GTG CCC ATG GTG CTG GTG GGG AAC AAG TGT GAC CTG GCT GCA CGC ACT GTG GAA TCT CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG GGA GTG GAG GAT GCC TTC TAC ACG TTG GTG CGT GAG ATC CGG CAG CAC AAG CTG CGG AAG CTG AAC CCT CCT GAT GAG AGT GGC CCC GGC TGC ATG AGC TGC AAG TGT GTG CTC TCC TGA
Sequence ID No: 19	ATG ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC GGC GGT GTG GGC AAG AGT GCG GCG ACC ATC CAG CTG ATC CAG AAC CAT TTT GTG GAC GAA TAC GAC CCC ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT ACC GCC GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG TGT GTG TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG GAC TCG GAT GAC GTG CCC ATG GTG CTG GTG GGG AAC AAG TGT GAC CTG GCT GCA CGC ACT GTG GAA TCT CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG GGA GTG GAG GAT GCC TTC TAC ACG TTG GTG CGT GAG ATC CGG CAG CAC AAG CTG CGG AAG CTG AAC CCT CCT GAT GAG AGT GGC CCC GGC TGC ATG AGC TGC AAG TGT GTG CTC TCC TGA
Sequence ID No: 20	ATG ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC GGC GGT GTG GGC AAG AGT GCG GGG ACC ATC CAG CTG ATC CAG AAC CAT TTT GTG GAC GAA TAC GAC CCC ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT ACC GCC GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG TGT GTG TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG GAC TCG GAT GAC GTG CCC ATG GTG CTG GTG GGG AAC AAG TGT GAC CTG GCT GCA CGC ACT GTG GAA TCT CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG GGA GTG GAG GAT GCC TTC TAC ACG TTG GTG CGT GAG ATC CGG CAG CAC AAG CTG CGG AAG CTG AAC CCT CCT GAT GAG AGT GGC CCC GGC TGC ATG AGC TGC AAG TGT GTG CTC TCC TGA
Sequence ID No: 21	ATG ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC GGC GGT GTG GGC AAG AGT GCG CTG ACC ATC CAG CTG ATC CAG AAC CAT GCT GTG GAC GAA TAC GAC CCC ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT

	ACC GCC GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG TGT GTG TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG GAC TCG GAT GAC GTG CCC ATG GTG CTG GTG GGG AAC AAG TGT GAC CTG GCT GCA CGC ACT GTG GAA TCT CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG GGA GTG GAG GAT GCC TTC TAC ACG TTG GTG CGT GAG ATC CGG CAG CAC AAG CTG CGG AAG CTG AAC CCT CCT GAT GAG AGT GGC CCC GGC TGC ATG AGC TGC AAG TGT GTG CTC TCC TGA
Sequence ID No: 22	ATG ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC GGC GGT GTG GGC AAG AGT GCG CTG ACC ATC CAG CTG ATC CAG AAC CAT GGT GTG GAC GAA TAC GAC CCC ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT ACC GCC GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG TGT GTG TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG GAC TCG GAT GAC GTG CCC ATG GTG CTG GTG GGG AAC AAG TGT GAC CTG GCT GCA CGC ACT GTG GAA TCT CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG GGA GTG GAG GAT GCC TTC TAC ACG TTG GTG CGT GAG ATC CGG CAG CAC AAG CTG CGG AAG CTG AAC CCT CCT GAT GAG AGT GGC CCC GGC TGC ATG AGC TGC AAG TGT GTG CTC TCC TGA
Sequence ID No: 23	ATG ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC GGC GGT GTG GGC AAG AGT GCG CTG ACC ATC CAG CTG ATC CAG AAC CAT TTT GTG GAC GAA TAC GAC CCC ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT ACC GCC GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG TGT GTG TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG GAC TCG GAT GAC GTG CCC ATG GTG CTG GTG GGG GCC AAG TGT GAC CTG GCT GCA CGC ACT GTG GAA TCT CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG GGA GTG GAG GAT GCC TTC TAC ACG TTG GTG CGT GAG ATC CGG CAG CAC AAG CTG CGG AAG CTG AAC CCT CCT GAT GAG AGT GGC CCC GGC TGC ATG AGC TGC AAG TGT GTG CTC TCC TGA
Sequence ID No: 24	ATG ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC GGC GGT GTG GGC AAG AGT GCG CTG ACC ATC CAG

	CTG ATC CAG AAC CAT TTT GTG GAC GAA TAC GAC CCC ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT ACC GCC GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG TGT GTG TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG GAC TCG GAT GAC GTG CCC ATG GTG CTG GTG GGG <b>GGC</b> AAG TGT GAC CTG GCT GCA CGC ACT GTG GAA TCT CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG GGA GTG GAG GAT GCC TTC TAC ACG TTG GTG CGT GAG ATC CGG CAG CAC AAG CTG
Sequence ID No: 25	ATG ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC GGC GGT GTG GGC AAG AGT GCG CTG ACC ATC CAG CTG ATC CAG AAC CAT TTT GTG GAC GAA TAC GAC CCC ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT ACC GCC GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG TGT GTG TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG GAC TCG GAT GAC GTG CCC ATG GTG CTG GTG GGG AAC <b>GCG</b> TGT GAC CTG GCT GCA CGC ACT GTG GAA TCT CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG GGA GTG GAG GAT GCC TTC TAC ACG TTG GTG CGT GAG ATC CGG CAG CAC AAG CTG
Sequence ID No: 26	ATG ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC GGC GGT GTG GGC AAG AGT GCG CTG ACC ATC CAG CTG ATC CAG AAC CAT TTT GTG GAC GAA TAC GAC CCC ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT ACC GCC GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG TGT GTG TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG GAC TCG GAT GAC GTG CCC ATG GTG CTG GTG GGG AAC <b>GGG</b> TGT GAC CTG GCT GCA CGC ACT GTG GAA TCT CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG GGA GTG GAG GAT GCC TTC TAC ACG TTG GTG CGT GAG ATC CGG CAG CAC AAG CTG
Sequence ID No: 27	ATG ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC GGC GGT GTG GGC AAG AGT GCG <b>GCG</b> ACC ATC CAG CTG ATC CAG AAC CAT TTT GTG GAC GAA TAC GAC CCC ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT ACC

	<p>GCC GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC  CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG TGT GTG  TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC  CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG  GAC TCG GAT GAC GTG CCC ATG GTG CTG GTG GGG  <b>GCC</b> AAG TGT GAC CTG GCT GCA CGC ACT GTG GAA TCT  CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC  CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG  GGA GTG GAG GAT GCC TTC TAC ACG TTG GTG CGT GAG  ATC CGG CAG CAC AAG CTG CGG AAG CTG AAC CCT CCT  GAT GAG AGT GGC CCC GGC TGC ATG AGC TGC AAG TGT  GTG CTC TCC TGA</p>
Sequence ID No: 28	<p>ATG ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC  GGC GGT GTG GGC AAG AGT GCG <b>GCG</b> ACC ATC CAG  CTG ATC CAG AAC CAT TTT GTG GAC GAA TAC GAC CCC  ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT  GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT ACC  GCC GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC  CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG TGT GTG  TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC  CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG  GAC TCG GAT GAC GTG CCC ATG GTG CTG GTG GGG  <b>GGC</b> AAG TGT GAC CTG GCT GCA CGC ACT GTG GAA TCT  CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC  CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG  GGA GTG GAG GAT GCC TTC TAC ACG TTG GTG CGT GAG  ATC CGG CAG CAC AAG CTG CGG AAG CTG AAC CCT CCT  GAT GAG AGT GGC CCC GGC TGC ATG AGC TGC AAG TGT  GTG CTC TCC TGA</p>
Sequence ID No: 29	<p>ATG ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC  GGC GGT GTG GGC AAG AGT GCG <b>GGG</b> ACC ATC CAG  CTG ATC CAG AAC CAT TTT GTG GAC GAA TAC GAC CCC  ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT  GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT ACC  GCC GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC  CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG TGT GTG  TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC  CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG  GAC TCG GAT GAC GTG CCC ATG GTG CTG GTG GGG  <b>GCC</b> AAG TGT GAC CTG GCT GCA CGC ACT GTG GAA TCT  CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC  CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG  GGA GTG GAG GAT GCC TTC TAC ACG TTG GTG CGT GAG  ATC CGG CAG CAC AAG CTG CGG AAG CTG AAC CCT CCT  GAT GAG AGT GGC CCC GGC TGC ATG AGC TGC AAG TGT  GTG CTC TCC TGA</p>
Sequence ID No: 30	<p>ATG ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC  GGC GGT GTG GGC AAG AGT GCG <b>GGG</b> ACC ATC CAG</p>

	<p>CTG ATC CAG AAC CAT TTT GTG GAC GAA TAC GAC CCC  ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT  GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT ACC  GCC GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC  CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG TGT GTG  TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC  CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG  GAC TCG GAT GAC GTG CCC ATG GTG CTG GTG GGG  <b>GGC</b> AAG TGT GAC CTG GCT GCA CGC ACT GTG GAA TCT  CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC  CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG  GGA GTG GAG GAT GCC TTC TAC ACG TTG GTG CGT GAG  ATC CGG CAG CAC AAG CTG CGG AAG CTG AAC CCT CCT  GAT GAG AGT GGC CCC GGC TGC ATG AGC TGC AAG TGT  GTG CTC TCC TGA</p>
Sequence ID No: 31	<p>ATG ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC  GGC GGT GTG GGC AAG AGT GCG <b>TGT</b> ACC ATC CAG  CTG ATC CAG AAC CAT TTT GTG GAC GAA TAC GAC CCC  ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT  GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT ACC  GCC GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC  CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG TGT GTG  TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC  CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG  GAC TCG GAT GAC GTG CCC ATG GTG CTG GTG GGG  <b>GCC</b> AAG TGT GAC CTG GCT GCA CGC ACT GTG GAA TCT  CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC  CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG  GGA GTG GAG GAT GCC TTC TAC ACG TTG GTG CGT GAG  ATC CGG CAG CAC AAG CTG CGG AAG CTG AAC CCT CCT  GAT GAG AGT GGC CCC GGC TGC ATG AGC TGC AAG TGT  GTG CTC TCC TGA</p>
Sequence ID No: 32	<p>ATG ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC  GGC GGT GTG GGC AAG AGT GCG <b>TGT</b> ACC ATC CAG  CTG ATC CAG AAC CAT TTT GTG GAC GAA TAC GAC CCC  ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT  GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT ACC  GCC GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC  CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG TGT GTG  TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC  CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG  GAC TCG GAT GAC GTG CCC ATG GTG CTG GTG GGG  <b>GGC</b> AAG TGT GAC CTG GCT GCA CGC ACT GTG GAA TCT  CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC  CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG  GGA GTG GAG GAT GCC TTC TAC ACG TTG GTG CGT GAG  ATC CGG CAG CAC AAG CTG CGG AAG CTG AAC CCT CCT  GAT GAG AGT GGC CCC GGC TGC ATG AGC TGC AAG TGT</p>

	GTG CTC TCC TGA
Sequence ID No: 33	<p>           ATG ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC            GGC GGT GTG GGC AAG AGT GCG CTG ACC ATC CAG            CTG ATC CAG AAC CAT TTT GTG GAC GAA TAC GAC CCC            ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT            GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT ACC            GCC GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC            CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG TGT GTG            TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC            CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG            GAC TCG GAT GAC GTG CCC ATG GTG CTG GTG GGG  <b>TGC</b> AAG TGT GAC CTG GCT GCA CGC ACT GTG GAA TCT            CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC            CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG            GGA GTG GAG GAT GCC TTC TAC ACG TTG GTG CGT GAG            ATC CGG CAG CAC AAG CTG CGG AAG CTG AAC CCT CCT            GAT GAG AGT GGC CCC GGC TGC ATG AGC TGC AAG TGT            GTG CTC TCC TGA         </p>
Sequence ID No: 34	<p>           ATG ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC            GGC GGT GTG GGC AAG AGT GCG CTG ACC ATC CAG            CTG ATC CAG AAC CAT TTT GTG GAC GAA TAC GAC CCC            ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT            GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT ACC            GCC GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC            CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG TGT GTG            TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC            CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG            GAC TCG GAT GAC GTG CCC ATG GTG CTG GTG GGG  <b>GGC</b> AAG TGT GAC CTG GCT GCA CGC ACT GTG GAA TCT            CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC            CCC TAC ATC GAG TGC TCG GCC AAG ACC CGG CAG            GGA GTG GAG GAT GCC TTC TAC ACG TTG GTG CGT GAG            ATC CGG CAG CAC AAG CTG CGG AAG CTG AAC CCT CCT            GAT GAG AGT GGC CCC GGC TGC ATG AGC TGC AAG            TGT GTG CTC TCC TGA         </p>